



Babagana Abubakar, Senior Traffic Officer, Nigeria Ports Authority,
• *Atlantic and Indian Oceans Pollution in Africa*

Babagana Abubakar, Senior Traffic Officer, Nigeria Ports Authority,
• *New Challenges Threatening the Ozone Layer*

Katie Arkema, Ph.D. Candidate, Marine Ecology, University of California, Santa Barbara • *The Ability of Kelp Forests to Filter Nearshore Waters and Impact Water Quality*

Edward Armstrong, Data Engineer, Jet Propulsion Laboratory • *A Data Management Infrastructure for Oceanographic Satellite Products and Implications for Coastal Management*

Christy Bell, Research Specialist, Ecology and Evolutionary Biology Department, University of California, Santa Cruz • *An Assessment of the Impact of Withering Disease on the Genetic Structure of Black Abalone Populations: Implications for Recovery and Restoration*

Eric Bjorkstedt, Research Fisheries Biologist, Southwest Fisheries Science Center, NOAA National Marine Fisheries Service • *Ocean Observing Off Northern California: Achievements and Aspirations of a Partnership Between NOAA's National Marine Fisheries Service and Humboldt State University*

Joe Breman, Data Model Program Manager, ESRI • *Ocean Observing*

Carrie Bretz, Research Associate, California State University Monterey Bay • *Seafloor Mapping Lab (SFML) at California State University Monterey Bay: Supporting Marine Stewardship Through Science, Technology, and Education*

Erickson D. Burres, Citizen Monitoring Coordinator, Surface Water Ambient Monitoring Program Clean Water Team, State Water Resources Control Board • *Demographics of Citizen Monitors within the Coastal Zone*

Linda Catton, Graduate Student, Scripps Institution of Oceanography, • *Considering Allee Effects when Evaluating Overfished Benthic Broadcast Spawning in Vertebrate Populations: A Case Study of a Pink Abalone (*Haliotis Corrugata*) Population near San Diego, California*

Douglas Campbell, Principal, Campbell and Campbell • *Ellen Browning Scripps Memorial Park, La Jolla, California: Conceptual Development Plan*

Mitchell Craig, Assistant Professor, California State University East Bay, • *In-Situ Monitoring of Water Quality in South San Francisco Bay*

Carolina DaCosta, Research Specialist, University of California, Santa Cruz • *Reserves in Reverse: The Recent Change in Access Status of Stornetta Ranch and the Resulting Effect on Red Abalone Populations*

Amy Dean, Education Manager, Farallones Marine Sanctuary Association • *Investigating Demographics and Acanthocephalan Parasite Load of *Emerita* analoga: A Model to Engage Urban Youth*

Tonya Del Sontro, Graduate Student, University of California, Santa Barbara • *Beach Tar Accumulation at Coal Oil Point, California: Distribution, Variation, and Possible Sources*

Bridget Dobrowski, Agriculture Water Quality Coordinator, Monterey Bay National Marine Sanctuary • *Agriculture Water Quality Alliance (AWQA): Meeting the Needs Of Agriculture to Protect Coastal Water Quality*

Changming Dong, Assistant Researcher, Institute of Geophysics and Planetary Physics, University of California, Los Angeles • *Numerical Simulation of DDT Distribution in Southern California Bight*

Gary Duby, M.S. Student, California State University Los Angeles, • *Observing Solute Flux Changes Over a Twenty-Four Period in the San Diego Creek Watershed*

Eric Eglund, Environmental Engineer, L-3 California Tube Laboratory, • *Sonar Return Quantification of Hydrocarbon Spatial and Temporal Emissions*

Ian Faloon, Assistant Professor, University of California, Davis, • *Atmospheric Climate Monitoring at the Bodega Marine Lab*

Lara Ferry-Graham, Program Manager, Water Intake Structure Environmental Research (WISER), Moss Landing Marine Laboratories, • *Evaluating the Ecological Effects of Once-Through Cooling: Contributions of the WISER Program*

David Foley, West Coast Coordinator, NOAA CoastWatch Program, • *CeNCOOS Demonstration Project: Meeting Central and Northern California's Needs for Marine Information*

Stephen Foss, Environmental Scientist, Office of Spill Prevention and Response, California Department of Fish and Game • *California Aquatic Non-Native Organism Database (CANOD)*

Hartmut Frenzel, Programmer/Analyst, Institute of Geophysics and Planetary Physics, University of California, Los Angeles • *Modeling of a Coastal Upwelling Event in the Southern California Bight*

Suzanne Gilmore, Environmental Scientist, California State Lands Commission • *Considerations for the Treatment of Ballast Water in California*

Kristen Green, Research Assistant, Moss Landing Marine Laboratories, • *Ecology and Movements of Nearshore Fishes Near Bolinas, California*

Ami Groce, Marine Biologist, City of San Diego • *Preliminary Results of the San Diego Sediment Mapping Study: Sediment Conditions on the Mainland Shelf During 2004*

Doyle Hanan, Marine Research Consultant, Hanan and Associates Inc., • *Market Squid Industry-Agency Cooperative Research and Biological Observations*



Nick Haring, Marine Biologist, Marine Biology Laboratory, City of San Diego • *A 10-Year Regional Assessment of Benthic Infaunal Assemblages off the Coast of San Diego*

Kerry Howard, Executive Director, Office of Habitat Management and Permitting, Alaska Department of Natural Resources, • *Strategies to Protect Coastal Resident Fish Passage*

Michele Jacobi, Environmental Scientist, NOAA Office of Response and Restoration • *Watershed Database and Mapping Project for the Southern California Bight*

Dave James, Marine Biologist, Marine Biology Laboratory, City of San Diego • *Water Quality in the South Bay Region of San Diego, Southern California: Spatial and Temporal Trends in Bacteria Levels*

David Kushner, Marine Biologist, Channel Islands National Park, • *Assessment of the Channel Islands' Marine Protected Areas using a Long-Term Ecological Monitoring Program*

Chris LaFranchi, Social Science Program Coordinator, Channel Islands National Marine Sanctuary • *Spatial Use Patterns Among Non-Consumptive Users of the Channel Islands*

David Lapota, Senior Scientist, Space and Naval Warfare Systems Center, San Diego • *Current Status of Green Abalone Outplanting off Point Loma, San Diego*

Homa Lee, Research Civil Engineer, U.S. Geological Survey • *Sediment and Containment Transport in the California Urban Ocean*

Ira Leifer, Associate Researcher, University of California, Santa Barbara • *Factors Affecting Oil Emissions from an Abandoned Oil Well in Nearshore Waters off Summerland, California*

Anita Leinweber, Assistant Researcher, Institute of Geophysics and Planetary Physics, University of California, Los Angeles • *Santa Monica Bay Observatory: Mooring and Shipboard Observations*

Judith Lemus, Director of Education, Wrigley Institute for Environmental Studies, University of Southern California, • *QuikScience: An Innovative Approach to Engage Diverse Students in Ocean Sciences*

Regan Long, Surface Current Mapping Coordinator, Coastal Ocean Currents Monitoring Program, San Francisco State University • *The Effect of Salinity on Monitoring San Francisco Bay Surface Currents using Surface Current Monitoring Instruments (SMCI)*

Christy Loper, Global Socioeconomic Monitoring Coordinator, NOAA's Coral Reef Conservation Program • *A Field Guide to Sailors, Divers, and Anglers in the Channel Islands: How Knowledge of and Attitudes toward Marine Reserves Affect the Behavior of Private Boaters*

Thomas Lorenson, Research Geochemist, U.S. Geological Survey, • *Overview of Natural Oil Seepage in the Santa Barbara Channel and Southern Santa Maria Basin, Southern California*

Sarah McCarthy, Research Fisheries Biologist, NOAA Fisheries • *Impacts of Stormwater Runoff on Coho Salmon in Restored Urban Streams*

Stephen Miller, Head, Geological Data Center, Scripps Institution of Oceanography • *Digital Archiving in an Imperfect World*

Chuck Morton, District Branch Chief, Caltrans Department of Transportation • *53 Acre Guadalcanal Village Marsh Restoration as Mitigation for a Transportation Improvement Project on State Highway 37 in Solano County*

Kelly Munkittrick, Associate Director, Canadian Rivers Institute, • *Development of an Effects-Based Monitoring Protocol for Fish Populations in Coastal Areas*

Nikolay Nezlin, Scientist, Southern California Coastal Water Research Project • *Stormwater Runoff Plumes in Southern California from Satellite Data*

Eric Niven, Graduate Student, Moss Landing Marine Laboratories, California State University • *Big Sur Integrated Mapping Project*

Jeffrey Onsted, Doctoral Candidate, Sea Grant Trainee, University of California, Santa Barbara • *California's Coastal Zone Management Program: Retaining Agricultural Land in the Face of Urban Growth*

Dean Pasko, Marine Biologist, Marine Biology Laboratory, City of San Diego • *Benthic Sediment Conditions in Mainland Shelf Habitats off San Diego 10 Years Later*

Anitra Pawley, Principal Researcher, University of California, Davis, • *Coastal Watershed Assessment: A Template for Assessing Conditions at the Watershed Level*

Josh Pederson, Outreach Specialist, NOAA • *OceanObs: A Web-Based Inventory of Ocean Observing Activities in the Central and Northern California Ocean Observing System (CeNCOOS)*

Jian Peng, Scientist, Southern California Coastal Water Research Project • *Organochlorine Pesticides in Stormwater Entering the Newport Bay Watershed*

Deanna Pinkard, Research Fisheries Biologist, NOAA Fisheries • *The Importance of Detailed Ocean Mapping for Assessing the Status of Threatened Marine Organisms: A Case Study*

Benjamin Pister, Graduate Student, University of California, San Diego • *Community Composition and Diversity on Anthropogenic Substrates in Urban Rocky Intertidal Environments*



David Pohl, Project Engineer, Weston Solutions • *Protection and Restoration of Newport Beach Marine Life Refuge: Implementing the Goals of the California Ocean Protection Council Strategic Plan at Little Corona*

Jane Reid, Geologist, U.S. Geological Survey • *Sedimentary Character of California's Continental Margin: Views from usSEABED*

Pedro Restrepo, Senior Scientist, NOAA/National Weather Service, NOAA • *Atlas 14: The New Precipitation Frequency Atlas for California*

Karen Reyna, Resource Protection Specialist, Gulf of the Farallones National Marine Sanctuary • *Central California Coast Seabird Colony Protection Program: Reducing Human Disturbances through Monitoring, Coordinated Management, and Outreach*

Santi Roberts, California Project Manager, Oceana • *Recommendations Towards Ecosystem-Based Fisheries Management of the California Current Large Marine Ecosystem*

Dan Robinette, Vandenberg Seabird Project Manager, Conservation Science, Point Reyes Bird Observatory • *Using Top Predators to Assess the Efficacy of the Vandenberg State Marine Reserve*

Dale Robinson, Senior Research Scientist, San Francisco State University, • *SF-BEAMS: An Evolving Estuarine Ocean Observing System*

Rondi Robison, Academic Coordinator, Central California Ocean Observing System, University of California, Santa Cruz • *The Center for Integrated Marine Technologies: Long-Term Ocean Observing System in Monterey Bay Provides Oceanographic Data and Monitoring Information toward Improving the Understanding of Ocean and Coastal Ecosystems*

Dirk Rosen, President, Marine Applied Research and Exploration, • *Remote Operated Vehicles: A New Approach to Monitor the Effectiveness of Marine Protected Areas on Reef Finfish*

Yelena Sapozhnikova, Research Chemist, NOAA National Ocean Service, • *Antifouling Pesticides in the Coastal Waters of Southern California*

Jessica Schneider, Chief Marine Technician, San Francisco Bay National Estuarine Research Reserve (NERR) • *San Francisco Bay NERR System Wide Monitoring Program: Ocean Observing in Coastal and Inland Waters*

Frank Shaughnessy, Associate Professor of Botany, Humboldt State University • *The Relative Importance of Nitrogen and Suspended Sediments to the Eelgrass Ecosystem in Humboldt Bay*

G. Jason Smith, Technical Coordinator, Alliance for Coastal Technologies Pacific Coast, Moss Landing Marine Laboratories • *The Alliance for Coastal Technologies (ACT): A National Partnership Supporting Coastal Monitoring Efforts*

Timothy Stebbins, Senior Marine Biologist, Marine Biology Laboratory, City of San Diego • *Sediment Quality on the Continental Slope off San Diego, Southern California: A Pilot Study of Deep Benthic Habitats*

Christina Swanson, Senior Scientist, The Bay Institute • *Measure for Measure: Using an Ecological Scorecard to Integrate Information, Evaluate Ecosystem Condition, and Improve Public Understanding and Outreach*

Lynn Takata, Staff Environmental Scientist, California State Lands Commission • *Reducing Nonindigenous Species Release through Commercial Vessel Fouling in California: Considerations, Challenges, and a Way Forward*

Carlos Torres, Doctor, Computational Science Research Center, San Diego State University • *Modeling 3D Coastal Circulation in Boundary-Fitted Coordinates: The GCOM Project*

Jerry Wanetick, Data Manager and Director of Information Systems, Integrative Oceanography Division, Scripps Institution of Oceanography • *A Real-Time Data Acquisition, Storage and Access System*

Jonathan Warrick, Research Oceanographer, U.S. Geological Survey Coastal and Marine Geology • *River Plume Properties and Dynamics Offshore Southern California*

Dolores Wesson, Coordinator, Coastal Storms Program • *Coastal Storms in Southern California: Novel Decision-Support Systems and Tools*

David Witting, NOAA • *Factors Influencing the Spatial Distribution of Contaminants in Fishes Occupying the Southern California Coast*

Sara Worden, Research Specialist, Partnership for Interdisciplinary Studies of Coastal Oceans, University of California, Santa Cruz, • *Serious Decline in Central California Black Abalone Populations: Outlook for Recovery and Community Structure Implications*

Timothy Zimmerman, Marine Science Communication Specialist, University of California, Berkeley • *Ocean Protection Through Effective Communication: Ocean Knowledge, Misconceptions, and Public Opinion*